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EXAMINER	
NGUYEN, THUONG	
ART UNIT	PAPER NUMBER
2155	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/29/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/002,685	LAGARDE ET AL.	
	Examiner	Art Unit	
	Thuong (Tina) T. Nguyen	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *15 November 2006*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-2,4,6-14,16,18-26,28,30-38,40,42-53,55-67,69-70* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1,2,4,6-14,16,18-26,28,30-38,40,42-53,55-67,69 and 70* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to the amendment filed on 11/15/06. Claims 1, 4, 6-7, 10, 12-13, 16, 18-19, 22, 24-25, 28, 30-31, 34, 36-37, 40, 42-44, 47, 49-52, 55-59, 62-67 & 70 were amended. Claims 1-2, 4, 6-14, 16, 18-26, 28, 30-38, 40, 42-53, 55-67, and 69-70 are pending. Claims 1-2, 4, 6-14, 16, 18-26, 28, 30-38, 40, 42-53, 55-67, and 69-70 represent system, method and computer-readable medium for accessing information using an instant messaging system.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 1-2. 4, 6-14, 16, 18-26, 28, 30-38, 40, 42-53, 55-67, and 69-70 are rejected under 35 U.S.C. 102(e) as being anticipated by Petrovykh Patent No. US 2002/055975 A1. Petrovykh teaches the invention as claimed including method and apparatus for intelligent routing of instant messaging presence protocol (IMPP) events among a group of customer service representatives (see abstract).

4. As to claim 1, Petrovykh teaches a system, comprising:

a first interface mutually registered with at least one of a plurality of client messaging applications (page 10, paragraph 110 & 112; page 11, paragraph 119; Petrovykh discloses the system that communicates with a plurality of users connected to the interface server for instant message type and status reports of the clients),

the interface for performing the steps of:

receiving a message from a the at least one of the plurality of client messaging applications (page 7, paragraph 73; Petrovykh discloses that the system of receiving and registering a request from users which matches the intent of the user request from the instant message);

a computer communicatively coupled to the first interface, the computer for performing the steps of:

determining the destination of the message, wherein the destination is an autonomous computer program that acts as an agent for another program (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11, paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the system which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation); and

selecting the autonomous computer program determined to be the destination of the message (page 12, paragraph 123; Petrovykh discloses that the system of selecting the third party as part of the callback preferences).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the message to a calling convention of a base code; translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of autonomous computer program determined to be the destination of the message; transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention.

However, Auerbach teaches system and method for multi-protocol communication in a computer network (see abstract). Auerbach teaches the limitation wherein translating a calling convention of the message to a calling convention of a base code (col 7, lines 1-16); translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message (col 8, lines 4-38); transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system would convert the outgoing and incoming messages to the appropriate format and will convert to the format that is compatible with the service provider. One would be motivated to do so to have the proper interconversion between the format and message protocol required by

the service provider and Application Programming Interface and also transfer or route the message based on the headers of the messages.

5. As to claim 2, Petrovykh and Auerbach teach the system as recited in claim 1, comprises of receiving a message from a client messaging application via the interface, wherein the message includes a request for information (page 7, paragraph 73; Petrovykh discloses that the system of receiving and registering a request from user that matches the intent of the user request from the instant message).

6. As to claim 4, Petrovykh and Auerbach teach the system as recited in claim 2, comprises:

at the second interface, further performing the steps of:

receiving information from the autonomous computer program in a return message (page 8, paragraph 86; page 19, paragraph 200; Petrovykh discloses that the system of receiving the request from the user, which is the third party application; Petrovykh also discloses that the system which provided the intelligent routing for third-party hosted by IM messaging); and

at the computer, further performing the steps of:

determining the destination of the return message, wherein the destination is a client messaging application (page 11, paragraph 114; page 17, paragraph 177; Petrovykh discloses that the system which determined the client messaging presence as being connected through the CSR); and

at the first interface, further performing the steps of:

selecting the client messaging application determined to be the destination of the message (page 12, paragraph 123; Petrovykh discloses that the system of selecting the client messaging as part of the callback preferences);

transmitting the message to the client messaging application determined to be the destination of the message (page 14, paragraph 157; page 15, paragraph 158; Petrovykh discloses that the system of transmitting the instant message through the agent which perform a variety of tasks based on the client requested).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the return message to the calling convention of the base code; translating the calling convention of the message in the base code to the calling convention of the selected client message application determined to be the destination message.

However, Auerbach teaches the limitation wherein translating a calling convention of the return message to the calling convention of the base code (col 8, lines 4-38); translating the calling convention of the message in the base code to the calling convention of the selected client message application determined to be the destination message (col 7, lines 1-16).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system could interconvert between the common format used by the Application Programming Interface and the unique protocol and the service providers. One would be motivated to do so to permits instant messaging to recipients regardless of the recipient's service provide, enable the message to convert to appropriate form.

7. As to claim 6, Petrovykh and Auerbach teach the system as recited in claim 1, wherein the first interface comprises an Application Programming Interface for interfacing with a plurality of mutually registered client messaging applications and for registering with at least one of the plurality of client messaging applications (page 12, paragraph 128; Petrovykh discloses that the system comprised the Application Programming Interface for the instant messaging service including client and server sides).

8. As to claim 7, Petrovykh and Auerbach teach the system as recited in claim 4, wherein the second interface comprises an Application Programming Interface for translating the request for information to the autonomous computer program and for translating the return message to the client messaging application (page 8, paragraph 84; Petrovykh discloses that the system for compiled and skill levels, language preferences, ranking of the entire configuration of agent monitoring software) .

9. As to claim 8, Petrovykh and Auerbach teach the system as recited in claim 1, wherein the client messaging application comprises an instant messaging application for sending and receiving instant messages (page 8, paragraph 88; page 11, paragraph 116; page 12, paragraph 132; Petrovykh discloses that the system to formulate the response of an instant message and combined the status information for the bi-directional messages).

10. As to claim 9, Petrovykh and Auerbach teach the system as recited in claim 8, wherein the instant messaging application comprises any one of: Lotus Sametime Messaging; America Online Instant Messenger; MSN Messenger Service; Yahoo

Messenger; ICQ; Jabber Instant Messaging; and a Telnet utility (page 9, paragraph 95; page 10, paragraph 108; Petrovykh discloses that the system using multiple protocol such as MSN Messenger Service, ICQ).

11. As to claim 10, Petrovykh and Auerbach teach the system as recited in claim 1, wherein the autonomous computer program comprises a messaging server (page 11, paragraph 114; Petrovykh discloses that the system for the third party presence service being used in communication center).

12. As to claim 11, Petrovykh and Auerbach teach the system as recited in claim 10, wherein the messaging server comprises any one of: an IBM MQSeries server; a Microsoft Transaction server; a Lotus Domino server; and an LDAP utility (page 17, paragraph 183; Petrovykh discloses that the system for the IMPP service provider such as AOL IM service, IMPP service).

13. As to claim 12, Petrovykh and Auerbach teach the system as recited in claim 4, wherein the autonomous computer program retrieves the requested information from any one of: a personal finance database; a stock market database; a personal contact database; a web site; an FTP site; and a gopher site (page 7, paragraph 74; Petrovykh discloses that the system which produced the status responded to the user which corresponding to the user requested).

14. As to claim 13, Petrovykh teaches the system, comprising:

a first an interface connected to and mutually registered with client messaging application (page 10, paragraph 110 & 112; page 11, paragraph 119; Petrovykh

discloses the system that communicates with a plurality of users connected to the interface server for instant message type and status reports of clients),

the client messaging application for performing the steps of:

receiving a message from the client messaging application via the interface (page 7, paragraph 73; Petrovykh discloses that the system of receiving and registering a request from user that matches the intent of the user request from the instant message); and

a computer communicatively coupled to the first interface, the computer for performing the steps of:

determining the destination of the message, wherein the destination is a autonomous computer programs that act as agents for other programs (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11, paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the system which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation); and

selecting the autonomous computer program determined to be the destination of the message (page 12, paragraph 123; Petrovykh discloses that the system of selecting the third party as part of the callback preferences).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the message to a calling convention of a base code; translating, in response to the selecting, the message in the calling convention of the base code to a

calling convention of the autonomous computer program determined to be the destination of the message; transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the.

However, Auerbach teaches the limitation wherein translating a calling convention of the message to a calling convention of a base code (col 7, lines 1-16); translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message (col 8, lines 4-38); transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system would convert the outgoing and incoming messages to the appropriate format and will convert to the format that is compatible with the service provider. One would be motivated to do so to have the proper interconversion between the format and message protocol required by the service provider and Application Programming Interface and also transfer or route the message based on the headers of the messages.

15. As to claim 14, Petrovykh and Auerbach teach the system as recited in claim 13, wherein the message includes a request for information (page 7, paragraph 73; Petrovykh discloses that the system of receiving and registering a request from user that matches the intent of the user request from the instant message).

16. As to claim 16, Petrovykh and Auerbach teach the system as recited in claim 13, comprises:

at the second interface, further performing the steps of:

receiving information from the autonomous computer program in a return message (page 8, paragraph 86; page 19, paragraph 200; Petrovykh discloses that the system of receiving the request from the user, which is the third party application; Petrovykh also discloses that the system which provided the intelligent routing for third-party hosted by IM messaging); and

at the computer, further performing the steps of:

determining the destination of the return message, wherein the destination is a client messaging application (page 11, paragraph 114; page 17, paragraph 177; Petrovykh discloses that the system which determined the client messaging presence as being connected through the CSR); and

at the first interface, further performing the steps of:

selecting the client messaging application determined to be the destination of the message (page 12, paragraph 123; Petrovykh discloses that the system of selecting the client messaging as part of the callback preferences);

transmitting the message to the client messaging application determined to be the destination of the message (page 14, paragraph 157; page 15, paragraph 158; Petrovykh discloses that the system of transmitting the instant message through the agent which perform a variety of tasks based on the client requested).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the return message to the calling convention of the base code; translating the calling convention of the message in the base code to the calling convention of the selected client message application determined to be the destination message.

However, Auerbach teaches the limitation wherein translating a calling convention of the return message to the calling convention of the base code (col 8, lines 4-38); translating the calling convention of the message in the base code to the calling convention of the selected client message application determined to be the destination message (col 7, lines 1-16).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system could interconvert between the common format used by the Application Programming Interface and the unique protocol and the service providers. One would be motivated to do so to permits instant messaging to recipients regardless of the recipient's service provide, enable the message to convert to appropriate form.

17. As to claim 18, Petrovykh and Auerbach teach the system as recited in claim 13, wherein the first interface comprises an Application Programming Interface for interfacing with the client messaging application and for registering with the plurality of client messaging application (page 12, paragraph 128; Petrovykh discloses that the system comprised the Application Programming Interface for the instant messaging service including client and server sides).

18. As to claim 19, Petrovykh and Auerbach teach the system as recited in claim 16, wherein the second interface comprises an Application Programming Interface for translating the request for information to the autonomous computer program determined to be the destination of the message and for translating the return message to the client messaging application (page 8, paragraph 84; Petrovykh discloses that the system for compiled and skill levels, language preferences, ranking of the entire configuration of agent monitoring software).

19. As to claim 20, Petrovykh and Auerbach teach the system as recited in claim 13, wherein the client messaging application comprises an instant messaging application for sending and receiving instant messages (page 8, paragraph 88; page 11, paragraph 116; page 12, paragraph 132; Petrovykh discloses that the system to formulate the response of an instant message and combined the status information for the bi-directional messages).

20. As to claim 21, Petrovykh and Auerbach teach the system as recited in claim 20, wherein the instant messaging application comprises any one of: Lotus Sametime Messaging; America Online Instant Messenger; MSN Messenger Service; Yahoo Messenger; ICQ; Jabber Instant Messaging; and a Telnet utility (page 9, paragraph 95; page 10, paragraph 108; Petrovykh discloses that the system using multiple protocol such as MSN Messenger Service, ICQ).

21. As to claim 22, Petrovykh and Auerbach teach the system as recited in claim 13, wherein each of the plurality of third party applications comprise a messaging server

(page 11, paragraph 114; Petrovykh discloses that the system for the third party presence service being used in communication center).

22. As to claim 23, Petrovykh and Auerbach teach the system as recited in claim 22, wherein the messaging server comprises any one of: an IBM MQSeries server; a Microsoft Transaction server; a Lotus Domino server; and an LDAP utility (page 17, paragraph 183; Petrovykh discloses that the system for the IMPP service provider such as AOL IM service, IMPP service).

23. As to claim 24, Petrovykh and Auerbach teach the system as recited in claim 16, wherein each of the plurality of third party applications retrieve the requested information from any one of: a personal finance database; a stock market database; a personal contact database; a web site; an FTP site; and a gopher site (page 7, paragraph 74; Petrovykh discloses that the system which produced the status responded to the user which corresponding to the user requested).

24. As to claim 25, Petrovykh teaches the system, comprising:

a first interface mutually registered with at least one of a plurality of client messaging applications (page 10, paragraph 110 & 112; page 11, paragraph 119; Petrovykh discloses the system that communicates with a plurality of users connected to the interface server for instant message type and status reports of the clients),

the interface for performing the steps of:

receiving a message from a the at least one of the plurality of client messaging applications (page 7, paragraph 73; Petrovykh discloses that the system of receiving

and registering a request from users which matches the intent of the user request from the instant message);

a computer communicatively coupled to the first interface, the computer for performing the steps of:

determining the destination of the message, wherein the destination is a autonomous computer programs that act as agent for other programs (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11, paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the system which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation); and

selecting the autonomous computer program determined to be the destination of the message (page 12, paragraph 123; Petrovykh discloses that the system of selecting the third party as part of the callback preferences).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the message to a calling convention of a base code; translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message; and transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention.

However, Auerbach teaches the limitation wherein translating a calling convention of the message to a calling convention of a base code (col 7, lines 1-16); translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message (col 8, lines 4-38); transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system would convert the outgoing and incoming messages to the appropriate format and will convert to the format that is compatible with the service provider. One would be motivated to do so to have the proper interconversion between the format and message protocol required by the service provider and Application Programming Interface and also transfer or route the message based on the headers of the messages.

25. As to claim 28, Petrovykh and Auerbach teach the system as recited in claim 26, comprises:

at the second interface, further performing the steps of:

receiving information from the autonomous computer program in a return message (page 8, paragraph 86; page 19, paragraph 200; Petrovykh discloses that the system of receiving the request from the user, which is the third party application; Petrovykh also discloses that the system which provided the intelligent routing for third-party hosted by IM messaging); and

at the computer, further performing the steps of:

determining the destination of the return message, wherein the destination is a client messaging application (page 11, paragraph 114; page 17, paragraph 177; Petrovykh discloses that the system which determined the client messaging presence as being connected through the CSR); and

at the first interface, further performing the steps of:

selecting the client messaging application determined to be the destination of the message (page 12, paragraph 123; Petrovykh discloses that the system of selecting the client messaging as part of the callback preferences);

transmitting the message to the client messaging application determined to be the destination of the message (page 14, paragraph 157; page 15, paragraph 158; Petrovykh discloses that the system of transmitting the instant message through the agent which perform a variety of tasks based on the client requested).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the return message to the calling convention of the base code; translating the calling convention of the message in the base code to the calling convention of the selected client message application determined to be the destination message.

However, Auerbach teaches the limitation wherein translating a calling convention of the return message to the calling convention of the base code (col 8, lines 4-38); translating the calling convention of the message in the base code to the calling convention of the selected client message application determined to be the destination message (col 7, lines 1-16).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system could interconvert between the common format used by the Application Programming Interface and the unique protocol and the service providers. One would be motivated to do so to permits instant messaging to recipients regardless of the recipient's service provide, enable the message to convert to appropriate form.

26. As to claim 30, Petrovykh and Auerbach teach the system as recited in claim 25, wherein the first interface comprises an Application Programming Interface for interfacing with a plurality of mutually registered client messaging applications and for registering with at least one of the plurality of client messaging applications (page 12, paragraph 128; Petrovykh discloses that the system comprised the Application Programming Interface for the instant messaging service including client and server sides).

27. As to claim 31, Petrovykh and Auerbach teach the system as recited in claim 28, wherein the second interface comprises an Application Programming Interface for translating the request for information to the autonomous computer program determined to be the destination of the message and for translating the return message to the client messaging application determined to be the destination of the message (page 8, paragraph 84; Petrovykh discloses that the system for compiled and skill levels, language preferences, ranking of the entire configuration of agent monitoring software).

28. As to claim 32, Petrovykh and Auerbach teach the system as recited in claim 25, wherein each of the plurality of client messaging applications comprise an instant

messaging application for sending and receiving instant messages (page 8, paragraph 88; page 11, paragraph 116; page 12, paragraph 132; Petrovykh discloses that the system to formulate the response of an instant message and combined the status information for the bi-directional messages).

29. As to claim 33, Petrovykh and Auerbach teach the system as recited in claim 32, wherein the instant messaging application comprises any one of: Lotus Sametime Messaging; America Online Instant Messenger; MSN Messenger Service; Yahoo Messenger; ICQ; Jabber Instant Messaging; and a Telnet utility (page 9, paragraph 95; page 10, paragraph 108; Petrovykh discloses that the system using multiple protocol such as MSN Messenger Service, ICQ).

30. As to claim 34, Petrovykh and Auerbach teach the system as recited in claim 25, wherein each of the plurality of third party applications comprise a messaging server (page 11, paragraph 114; Petrovykh discloses that the system for the third party presence service being used in communication center).

31. As to claim 35, Petrovykh and Auerbach teach the system as recited in claim 34, wherein the messaging server comprises any one of: an IBM MQSeries server; a Microsoft Transaction server; a Lotus Domino server; and an LDAP utility (page 17, paragraph 183; Petrovykh discloses that the system for the IMPP service provider such as AOL IM service, IMPP service).

32. As to claim 36, Petrovykh and Auerbach teach the system as recited in claim 28, wherein each of the plurality of third party applications retrieve the requested information from any one of: a personal finance database; a stock market database; a

personal contact database; a web site; an FTP site; and a gopher site (page 7, paragraph 74; Petrovykh discloses that the system which produced the status responded to the user which corresponding to the user requested).

33. As to claim 37, Petrovykh teaches the method, comprising:

receiving a message from one of a plurality of client messaging applications (page 7, paragraph 73; Petrovykh discloses that the method of receiving and registering a request from users which matches the intent of the user request from the instant message);

determining a destination of the message, wherein the destination is a autonomous computer programs that acts as an agent for another program (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11, paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the method which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation);

But Petrovykh failed to teach the claimed limitation wherein translating a calling convention of the message to a calling convention of a base code; translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message; and transmitting, in response to the translation, the message to the selected autonomous computer program determined to be the destination of the message without user intervention.

However, Auerbach teaches the limitation wherein translating a calling convention of the message to a calling convention of a base code (col 7, lines 1-16); translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message (col 8, lines 4-38); transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system would convert the outgoing and incoming messages to the appropriate format and will convert to the format that is compatible with the service provider. One would be motivated to do so to have the proper interconversion between the format and message protocol required by the service provider and Application Programming Interface and also transfer or route the message based on the headers of the messages.

34. As to claim 38, Petrovykh and Auerbach teach the method as recited in claim 37, comprises receiving a message from one of a plurality of client messaging applications, wherein the message includes a request for information (page 7, paragraph 73; Petrovykh discloses that the method of receiving and registering a request from user that matches the intent of the user request from the instant message).

35. As to claim 40, Petrovykh and Auerbach teach the method as recited in claim 37, comprising:

at the second interface, further performing the steps of:

receiving information from the autonomous computer program in a return message (page 8, paragraph 86; page 19, paragraph 200; Petrovykh discloses that the system of receiving the request from the user, which is the third party application; Petrovykh also discloses that the method which provided the intelligent routing for third-party hosted by IM messaging); and

at the computer, further performing the steps of:

determining the destination of the return message, wherein the destination is a client messaging application (page 11, paragraph 114; page 17, paragraph 177; Petrovykh discloses that the method which determined the client messaging presence as being connected through the CSR); and

at the first interface, further performing the steps of:

selecting the client messaging application determined to be the destination of the message (page 12, paragraph 123; Petrovykh discloses that the method of selecting the client messaging as part of the callback preferences);

transmitting the message to the client messaging application determined to be the destination of the message (page 14, paragraph 157; page 15, paragraph 158; Petrovykh discloses that the method of transmitting the instant message through the agent which perform a variety of tasks based on the client requested).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the return message to the calling convention of the base code; translating the calling convention of the message in the base code to the calling convention of the selected client message application determined to be the destination message; and

However, Auerbach teaches the limitation wherein translating a calling convention of the return message to the calling convention of the base code (col 8, lines 4-38); translating the calling convention of the message in the base code to the calling convention of the selected client message application determined to be the destination message (col 7, lines 1-16).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system could interconvert between the common format used by the Application Programming Interface and the unique protocol and the service providers. One would be motivated to do so to permits instant messaging to recipients regardless of the recipient's service provide, enable the message to convert to appropriate form.

36. As to claim 42, Petrovykh and Auerbach teach the method as recited in claim 37, comprises receiving, via an Application Programming Interface, a message from one of a plurality of client messaging applications, wherein the Application Programming Interface interfaces with the plurality of mutually registered client messaging applications and registers with at least one of the plurality of client messaging applications (page 12, paragraph 128; Petrovykh discloses that the method comprised the Application Programming Interface for the instant messaging service including client and server sides).

37. As to claim 43, Petrovykh and Auerbach teach the method as recited in claim 40, wherein the translation is performed by an Application Programming Interface (page 8,

paragraph 84; Petrovykh discloses that the method for compiled and skill levels, language preferences, ranking of the entire configuration of agent monitoring software).

38. As to claim 44, Petrovykh and Auerbach teach the method as recited in claim 43, comprises translating, by the Application Programming Interface, the return message to the client messaging application (page 8, paragraph 84; Petrovykh discloses that the method for compiled and skill levels, language preferences, ranking of the entire configuration of agent monitoring software).

39. As to claim 45, Petrovykh and Auerbach teach the method as recited in claim 37, wherein each of the plurality of client messaging applications comprise an instant messaging application for sending and receiving instant messages (page 8, paragraph 88; page 11, paragraph 116; page 12, paragraph 132; Petrovykh discloses that the method to formulate the response of an instant message and combined the status information for the bi-directional messages).

40. As to claim 46, Petrovykh and Auerbach teach the method as recited in claim 45, wherein the instant messaging application comprises any one of: Lotus Sametime Messaging; America Online Instant Messenger; MSN Messenger Service; Yahoo Messenger; ICQ; Jabber Instant Messaging; and a Telnet utility (page 9, paragraph 95; page 10, paragraph 108; Petrovykh discloses that the method using multiple protocol such as MSN Messenger Service, ICQ).

41. As to claim 47, Petrovykh and Auerbach teach the method as recited in claim 37, wherein the autonomous computer program comprises a messaging server (page 11,

paragraph 114; Petrovykh discloses that the method for the third party presence service being used in communication center).

42. As to claim 48, Petrovykh and Auerbach teach the method as recited in claim 47, wherein the messaging server comprises any one of: an IBM MQSeries server; a Microsoft Transaction server; a Lotus Domino server; and an LDAP utility (page 17, paragraph 183; Petrovykh discloses that the method for the IMPP service provider such as AOL IM service, IMPP service).

43. As to claim 49, Petrovykh and Auerbach teach the method as recited in claim 40, wherein the autonomous computer program retrieves the requested information from any one of: a personal finance database; a stock market database; a personal contact database; a web site; an FTP site; and a gopher site (page 7, paragraph 74; Petrovykh discloses that the method which produced the status responded to the user which corresponding to the user requested).

44. As to claim 50, Petrovykh teaches the method, comprising:

receiving a message from at least one client messaging application (page 7, paragraph 73; Petrovykh discloses that the method of receiving and registering a request from users which matches the intent of the user request from the instant message);

determining a destination of the message, wherein the destination is a autonomous computer programs that act as an agent for other programs (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11, paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the method

which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation);

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the message to a calling convention of a base code; translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message; and transmitting, in response to the translation, the message to the selected autonomous computer program determined to be the destination of the message without user intervention.

However, Auerbach teaches the limitation wherein translating a calling convention of the message to a calling convention of a base code (col 7, lines 1-16); translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message (col 8, lines 4-38); transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system would convert the outgoing and incoming messages to the appropriate format and will convert to the format that is compatible with the service provider. One would be motivated to do so to have the proper interconversion between the format and message protocol required by

the service provider Application Programming Interface and also transfer or route the message based on the headers of the messages.

45. As to claim 51, Petrovykh teaches the method, comprising:

receiving a message from one of a plurality of client messaging applications (page 7, paragraph 73; Petrovykh discloses that the method of receiving and registering a request from users which matches the intent of the user request from the instant message);

determining a destination of the message, wherein the destination is a autonomous computer programs that act as an agent for other programs (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11, paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the method which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the message to a calling convention of a base code; translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message; and transmitting, in response to the translation, the message to the selected autonomous computer program determined to be the destination of the message without user intervention.

However, Auerbach teaches the limitation wherein translating a calling convention of the message to a calling convention of a base code (col 7, lines 1-16); translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message (col 8, lines 4-38); transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system would convert the outgoing and incoming messages to the appropriate format and will convert to the format that is compatible with the service provider. One would be motivated to do so to have the proper interconversion between the format and message protocol required by the service provider and APPLICATION PROGRAMMING INTERFACE and also transfer or route the message based on the headers of the messages.

46. As to claim 52, Petrovykh teaches the computer readable, comprising:

receiving a message from one of a plurality of client messaging applications (page 7, paragraph 73; Petrovykh discloses that the computer readable of receiving and registering a request from users which matches the intent of the user request from the instant message);

determining a destination of the message, wherein the destination is a autonomous computer programs that act as an agent for other programs (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11,

paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the computer readable which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the message to a calling convention of a base code; translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message; and transmitting, in response to the translation, the message to the selected autonomous computer program determined to be the destination of the message without user intervention.

However, Auerbach teaches the limitation wherein translating a calling convention of the message to a calling convention of a base code (col 7, lines 1-16); translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message (col 8, lines 4-38); transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system would convert the outgoing and incoming messages to the appropriate format and will convert to the format that is compatible with the service provider. One would be motivated to do so to

have the proper interconversion between the format and message protocol required by the service provider and Application Programming Interface and also transfer or route the message based on the headers of the messages.

47. As to claim 53, Petrovykh and Auerbach teach the computer readable as recited in claim 52, comprises receiving a message from one of the plurality of client messaging applications, wherein the message includes a request for information (page 7, paragraph 73; Petrovykh discloses that the computer readable of receiving and registering a request from user that matches the intent of the user request from the instant message).

48. As to claim 55, Petrovykh and Auerbach teach the computer readable as recited in claim 53, comprising:

receiving information from the autonomous computer program in a return message (page 8, paragraph 86; page 19, paragraph 200; Petrovykh discloses that the method of receiving the request from the user, which is the third party application; Petrovykh also discloses that the computer readable which provided the intelligent routing for third-party hosted by IM messaging);

determining a destination of the return message, wherein the destination is one of the pluralities of client messaging applications (page 11, paragraph 114; page 17, paragraph 177; Petrovykh discloses that the computer readable which determined the client messaging presence as being connected through the CSR);

selecting the client messaging application determined to be the destination of the message (page 12, paragraph 123; Petrovykh discloses that the computer readable of selecting the client messaging as part of the callback preferences); and

transmitting the message to the client messaging application determined to be the destination of the message (page 14, paragraph 157; page 15, paragraph 158; Petrovykh discloses that the computer readable of transmitting the instant message through the agent which perform a variety of tasks based on the client requested).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the return message to the calling convention of the base code.

However, Auerbach teaches the limitation wherein translating a calling convention of the return message to the calling convention of the base code (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system could interconvert between the common format used by Application Programming Interface and the unique protocol and the service providers. One would be motivated to do so to permits instant messaging to recipients regardless of the recipient's service provide, enable the message to convert to appropriate form.

49. As to claim 56, Petrovykh and Auerbach teach the computer readable as recited in claim 55, comprises translating the base code calling convention of the return message to the calling convention of the client messaging application determined to be the destination of the message (page 18, paragraph 187, 190, 195; page 19, paragraph

207; Petrovykh discloses that the computer-readable of translating the IM protocols into one unified protocol supported by CSRs so that the proxy server could forward the message to the third party, which is the destination clients).

50. As to claim 57, Petrovykh and Auerbach teach the computer readable as recited in claim 52, comprises receiving, via an Application Programming Interface, a message from one of a plurality of client messaging applications, wherein the Application Programming Interface interfaces with the plurality of mutually registered client messaging applications and registers with at least one of the plurality of client messaging applications (page 12, paragraph 128; Petrovykh discloses that the computer readable comprised the Application Programming Interface for the instant messaging service including client and server sides).

51. As to claim 58, Petrovykh and Auerbach teach the computer readable as recited in claim 55, wherein the translation is performed by an Application Programming Interface (page 8, paragraph 84; Petrovykh discloses that the computer readable for compiled and skill levels, language preferences, ranking of the entire configuration of agent monitoring software)..

52. As to claim 59, Petrovykh and Auerbach teach the computer readable as recited in claim 58, comprising translation, by Application Programming Interface, the base code calling convention of the return message to the calling convention of the client messaging application determined to be the destination of the message (page 8, paragraph 84; Petrovykh discloses that the computer readable for compiled and skill

levels, language preferences, ranking of the entire configuration of agent monitoring software)..

53. As to claim 60, Petrovykh and Auerbach teach the computer readable as recited in claim 52, wherein the client messaging application comprises an instant messaging application for sending and receiving instant messages (page 8, paragraph 88; page 11, paragraph 116; page 12, paragraph 132; Petrovykh discloses that the computer readable to formulate the response of an instant message and combined the status information for the bi-directional messages).

54. As to claim 61, Petrovykh and Auerbach teach the computer readable as recited in claim 60, wherein the instant messaging application comprises any one of: Lotus Sametime Messaging; America Online Instant Messenger; MSN Messenger Service; Yahoo Messenger; ICQ; Jabber Instant Messaging; and a Telnet utility (page 9, paragraph 95; page 10, paragraph 108; Petrovykh discloses that the computer readable using multiple protocol such as MSN Messenger Service, ICQ).

55. As to claim 62, Petrovykh and Auerbach teach the computer readable as recited in claim 52, wherein the autonomous computer program comprises a messaging server (page 11, paragraph 114; Petrovykh discloses that the computer readable for the third party presence service being used in communication center).

56. As to claim 63, Petrovykh and Auerbach teach the computer readable as recited in claim 62, wherein the messaging server comprises any one of: an IBM MQSeries server; a Microsoft Transaction server; a Lotus Domino server; and an LDAP utility

(page 17, paragraph 183; Petrovykh discloses that the computer readable for the IMPP service provider such as AOL IM service, IMPP service).

57. As to claim 64, Petrovykh and Auerbach teach the computer readable as recited in claim 55, wherein the autonomous computer program retrieves the requested information from any one of: a personal finance database; a stock market database; a personal contact database; a web site; an FTP site; and a gopher site (page 7, paragraph 74; Petrovykh discloses that the computer readable which produced the status responded to the user which corresponding to the user requested).

58. As to claim 65, Petrovykh teaches the computer readable, comprising:

receiving a message from the client messaging application (page 7, paragraph 73; Petrovykh discloses that the computer readable of receiving and registering a request from users which matches the intent of the user request from the instant message);

determining a destination of the message, wherein the destination is a autonomous computer programs that act as an agent for other programs (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11, paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the computer readable which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the message to a calling convention of a base code; translating, in

response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message; and transmitting, in response to the translation, the message to the selected autonomous computer program determined to be the destination of the message without user intervention.

However, Auerbach teaches the limitation wherein translating a calling convention of the message to a calling convention of a base code (col 7, lines 1-16); translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message (col 8, lines 4-38); transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system would convert the outgoing and incoming messages to the appropriate format and will convert to the format that is compatible with the service provider. One would be motivated to do so to have the proper interconversion between the format and message protocol required by the service provider and Application Programming Interface and also transfer or route the message based on the headers of the messages.

59. As to claim 66, Petrovykh teaches the computer readable, comprising:

receiving a message from at least one of a plurality of client messaging applications (page 7, paragraph 73; Petrovykh discloses that the computer readable of

receiving and registering a request from users which matches the intent of the user request from the instant message);

determining a destination of the message, wherein the destination is a autonomous computer programs that act as an agent for other programs (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11, paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the computer readable which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the message to a calling convention of a base code; translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message; and transmitting, in response to the translation, the message to the selected autonomous computer program determined to be the destination of the message without user intervention.

However, Auerbach teaches the limitation wherein translating a calling convention of the message to a calling convention of a base code (col 7, lines 1-16); translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message (col 8, lines 4-38); transmitting, in response to the

translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system would convert the outgoing and incoming messages to the appropriate format and will convert to the format that is compatible with the service provider. One would be motivated to do so to have the proper interconversion between the format and message protocol required by the service provider and Application Programming Interface and also transfer or route the message based on the headers of the messages.

60. As to claim 67, Petrovykh teaches the method, comprising:

receiving from at least one an instant messaging application an instant message including a request for information (page 7, paragraph 73; Petrovykh discloses that the method of receiving and registering a request from users which matches the intent of the user request from the instant message);

determining a destination of the message, wherein the destination is a autonomous computer programs that act as an agent for other programs (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11, paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the computer readable which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation).

But Petrovykh failed to teach the claim limitation wherein translating a calling convention of the message to a calling convention of a base code; translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message; and transmitting, in response to the translation, the message to the selected autonomous computer program determined to be the destination of the message without user intervention.

However, Auerbach teaches the limitation wherein translating a calling convention of the message to a calling convention of a base code (col 7, lines 1-16); translating, in response to the selecting, the message in the calling convention of the base code to a calling convention of the autonomous computer program determined to be the destination of the message (col 8, lines 4-38); transmitting, in response to the translating, the message to the selected autonomous computer program determined to be the destination of the message without further user intervention (col 8, lines 4-38).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Petrovykh in view of Auerbach so that the system would convert the outgoing and incoming messages to the appropriate format and will convert to the format that is compatible with the service provider. One would be motivated to do so to have the proper interconversion between the format and message protocol required by the service provider and Application Programming Interface and also transfer or route the message based on the headers of the messages.

61. As to claim 69, Petrovykh and Auerbach teach the method as recited in claim 67, comprises receiving from an instant messaging application an instant message including a request for information (page 7, paragraph 73; Petrovykh discloses that the method of receiving and registering a request from user that matches the intent of the user request from the instant message).

62. As to claim 70, Petrovykh and Auerbach teach the method as recited in claim 67, comprising:

receiving information from the autonomous computer program (page 8, paragraph 86; page 19, paragraph 200; Petrovykh discloses that the method of receiving the request from the user, which is the third party application; Petrovykh also discloses that the method which provided the intelligent routing for third-party hosted by IM messaging);

generating an instant message including the received information (page 12, paragraph 123; Petrovykh discloses that the method of generating the client messaging as part of the callback preferences); and

sending the generated instant message to the instant messaging application (page 14, paragraph 157; page 15, paragraph 158; Petrovykh discloses that the method of sending the instant message through the agent which perform a variety of tasks based on the client requested).

Response to Arguments

Applicant's arguments filed 11/15/06 have been fully considered but they are not persuasive. In response to Applicant's argument, the Patent Office maintains the rejection. In the remarks, the applicant argues in substance that; A) Auerbach and Petrovykh do not teach or suggest the use of autonomous computer programs that act as agents for other programs.

In response to A); Applicants argue that Auerbach and Petrovykh do not teach or suggest the use of autonomous computer programs that act as agents for other programs. In response to Applicant's argument, the Patent Office maintain the rejection because Auerbach and Petrovykh do teach the use of autonomous computer programs that act as agents for other programs (figure 10 & 11; page 4, paragraph 37; page 6, paragraph 70; page 10, paragraph 110; page 11, paragraph 114 -117; page 17, paragraph 177; Petrovykh discloses that the system which includes agent which generating, sending, and receiving instant messages which routing client instant message to selected IP addresses on the network and capable of IP address translation). The examiner has read the argument in the remark, but there is nothing like searching databases in the claim limitation. Therefore, Auerbach and Petrovykh disclosed the claim limitation such as acting as an agent for other programs which selecting the appropriate format or computer and translating to the unified format so that the other program would be able to read.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuong (Tina) Nguyen whose telephone number is 571-272-3864, and the fax number is 571-273-3864. The examiner can normally be reached on 8:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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